

RAW SEQUENCE LISTING

**The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.**

Application Serial Number: 10/575,337
Source: IFWP
Date Processed by STIC: 4/24/06

ENTERED



IFWP

RAW SEQUENCE LISTING

DATE: 04/24/2006

PATENT APPLICATION: US/10/575,337

TIME: 16:20:05

Input Set : E:\Avalon 213.txt

Output Set: N:\CRF4\04242006\J575337.raw

3 <110> APPLICANT: Avalon Pharmaceuticals
 5 <120> TITLE OF INVENTION: Cancer-Linked Genes as Targets for Chemotherapy
 7 <130> FILE REFERENCE: 689290-266
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 C--> 10 <141> CURRENT FILING DATE: 2006-04-07
 12 <150> PRIOR APPLICATION NUMBER: 60/509,515
 13 <151> PRIOR FILING DATE: 2003-10-08
 15 <160> NUMBER OF SEQ ID NOS: 501
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RAW SEQUENCE LISTING ERROR SUMMARY
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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

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 Seq#:180; N Pos. 2472,2483,2487,2497,2498,2504,2510,2515,2519,2542,2546
 Seq#:180; N Pos. 2554,2569,2570,7953,7996,8001,8587
 Seq#:191; N Pos. 1661,1667,1674,1684,1687,1698,1705,1720,1723,1737,1750
 Seq#:191; N Pos. 1760,1771,1775,1785,1786,1792,1798,1803,1807,1830,1834
 Seq#:191; N Pos. 1842,1857,1858
 Seq#:197; N Pos. 1856
 Seq#:216; N Pos. 1445,1488,1493
 Seq#:222; N Pos. 74
 Seq#:255; N Pos. 93,8086,8147,8196,8208,8209,8210,8230,8255,8286,8288,8299
 Seq#:255; N Pos. 8312,8331,8346,8347,8377,8391,8396,8401,8403,8431,12395
 Seq#:263; N Pos. 93
 Seq#:271; N Pos. 1846
 Seq#:276; N Pos. 3,64,113,125,126,127,147,172,203,205,216,229,248,263,264
 Seq#:276; N Pos. 294,308,313,318,320,348
 Seq#:295; N Pos. 10328
 Seq#:302; N Pos. 152
 Seq#:335; N Pos. 1168
 Seq#:354; N Pos. 193
 Seq#:393; N Pos. 9022
 Seq#:409; N Pos. 2369
 Seq#:471; N Pos. 7997
 Seq#:479; N Pos. 4879

Invalid <213> Response:

Use of "Artificial" only as "<213> Organism" response is incomplete,
 per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27
 Seq#:28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51
 Seq#:52,53,54,55,56,57,58,59,60,61,62,63,64,65,66,67,68,69,70,71,72,73,74,75
 Seq#:76,77,78,79,80,81,82,83,84,85,86,87,88,89,90,91,92,93,94,95,96,97,98,99
 Seq#:100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117
 Seq#:118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135
 Seq#:136,137,138,139,140,141,142,143,144,145,146,147,148,149,150,151,152,153
 Seq#:154,155,156,157,158,159,160,161,162,163,164,165,166,167,168,169,170,171
 Seq#:172,173,174,175,176,177,178,179,180,181,182,183,184,185,186,187,188,189
 Seq#:190,191,192,193,194,195,196,197,198,199,200,201,202,203,204,205,206,207

RAW SEQUENCE LISTING ERROR SUMMARY

DATE: 04/24/2006

PATENT APPLICATION: US/10/575,337

TIME: 16:20:06

Input Set : E:\Avalon 213.txt

Output Set: N:\CRF4\04242006\J575337.raw

Seq#:208,209,210,211,212,213,214,215,216,217,218,219,220,221,222,223,224,225
Seq#:226,227,228,229,230,231,232,233,234,235,236,237,238,239,240,241,242,243
Seq#:244,245,246,247,248,249,250,251,252,253,254,255,256,257,258,259,260,261
Seq#:262,263,264,265,266,267,268,269,270,271,272,273,274,275,276,277,278,279
Seq#:280,281,282,283,284,285,286,287,288,289,290,291,292,293,294,295,296,297
Seq#:298,299,300,301,302,303,304,305,306,307,308,309,310,311,312,313,314,315
Seq#:316,317,318,319,320,321,322,323,324,325,326,327,328,329,330,331,332,333
Seq#:334,335,336,337,338,339,340,341,342,343,344,345,346,347,348,349,350,351
Seq#:352,353,354,355,356,357,358,359,360,361,362,363,364,365,366,367,368,369
Seq#:370,371,372,373,374,375,376,377,378,379,380,381,382,383,384,385,386,387
Seq#:388,389,390,391,392,393,394,395,396,397,398,399,400,401,402,403,404,405
Seq#:406,407,408,409,410,411,412,413,414,415,416,417,418,419,420,421,422,423
Seq#:424,425,426,427,428,429,430,431,432,433,434,435,436,437,438,439,440,441
Seq#:442,443,444,445,446,447,448,449,450,451,452,453,454,455,456,457,458,459
Seq#:460,461,462,463,464,465,466,467,468,469,470,471,472,473,474,475,476,477
Seq#:478,479,480,481,482,483,484,485,486,487,488,489,490,491,492,493,494,495
Seq#:496,497,498,499,500,501

VERIFICATION SUMMARY

DATE: 04/24/2006

PATENT APPLICATION: US/10/575,337

TIME: 16:20:06

Input Set : E:\Avalon 213.txt

Output Set: N:\CRF4\04242006\J575337.raw

L:9 M:270 C: Current Application Number differs, Replaced Current Application Number
 L:10 M:271 C: Current Filing Date differs, Replaced Current Filing Date
 L:151 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:3360
 L:418 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:1920
 L:1484 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17 after pos.:1200
 L:1804 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:19 after pos.:60
 L:7816 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:79 after pos.:5400
 L:8560 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:90 after pos.:1680
 L:9752 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:116 after pos.:2160
 L:9878 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:118 after pos.:960
 L:16303 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:180 after pos.:600
 M:341 Repeated in SeqNo=180
 L:17529 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:191 after pos.:1620
 M:341 Repeated in SeqNo=191
 L:17975 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:197 after pos.:1800
 L:19457 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:216 after pos.:1440
 L:19817 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:222 after pos.:60
 L:21764 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:255 after pos.:60
 M:341 Repeated in SeqNo=255
 L:23022 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:263 after pos.:60
 L:23960 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:271 after pos.:1800
 L:24451 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:276 after pos.:0
 M:341 Repeated in SeqNo=276
 L:26211 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:295 after pos.:10320
 L:27517 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:302 after pos.:120
 L:34125 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:335 after pos.:1140
 L:35439 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:354 after pos.:180
 L:38577 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:393 after pos.:9000
 L:40815 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:409 after pos.:2340
 L:53485 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:471 after pos.:7980
 L:55133 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:479 after pos.:4860